

MD 07 Nov 2003

IN THE CLAIM

List of Claim:

Claim 1 (currently amended):

1. ~~[[An]]~~ A gear extrusion molding machine ~~[[comprises]]~~ comprising:
  - a main extrusion molding device, and a drive mechanism connected to the main extrusion molding device,
  - the main extrusion molding device, and a drive mechanism connected to the main extrusion molding device,
  - the gear mechanism having a main gear and a plurality of pinions,
  - a feed mechanism having the main gear, a first portion of the gear mechanism, and a containing interior,
  - the feed mechanism adjacent to the upper feed inlet of the main extrusion molding device,
  - a compression mechanism disposed below the feed mechanism,
  - the compression mechanism having the main gear, a second portion of the gear mechanism, and a guide interior,
  - a blending mechanism disposed below the compression mechanism,
  - the blending mechanism having a third portion of the gear mechanism, and a blending spacing,
  - a metering mechanism disposed below the blending mechanism,
  - the metering mechanism having a fourth portion of the gear mechanism, and the lower chamber of the main extrusion molding device communicating with the metering mechanism; wherein:the gear extrusion molding machine as claimed in claim 1, wherein the drive mechanism has a motor device, a transmission case, and a drive shaft connected to the motor device, and the drive shaft passes through the transmission case to be inserted in the main extrusion molding device.

Claim 2 (canceled)

Claim 3 (currently amended):

- ~~[[3]]~~ 2 The gear extrusion molding machine as claimed in claim 1, wherein a feed hopper is disposed on the main extrusion molding device to communicate with the

upper feed inlet of the main extrusion molding device.

**Claim 4 ( currently amended):**

**[[4]] 3** The gear extrusion molding machine as claimed in claim 1, wherein a discharge pipe is disposed on the main extrusion molding device to communicate with the lower chamber of the main extrusion molding device, and the discharge pipe has an outlet.

**Claim 5 ( currently amended):**

**[[5]] 4** The gear extrusion molding machine as claimed in claim 1, wherein the blending mechanism and the metering mechanism are arranged transversely.

**Claim 6 ( currently amended):**

**[[6]] 5** The gear extrusion molding machine as claimed in claim 1, wherein a feeding mechanism is inserted in the blending mechanism.